

## Message Text

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64

ACTION EUR-12

INFO OCT-01 EA-09 ISO-00 FEA-01 ACDA-10 CEQ-01 CIAE-00

DOT-00 EPA-04 HEW-06 HUD-02 INR-07 INT-05 L-03

NSAE-00 NSC-05 NSF-02 OIC-02 PA-02 PM-04 PRS-01

SAJ-01 OES-05 SP-02 SS-15 TRSE-00 USIA-15 ERDA-07

DODE-00 /122 W

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R 201438Z OCT 75

FM USMISSION NATO

TO SECSTATE WASHDC 4120

INFO AMEMBASSY BONN

AMEMBASSY ROME

AMEMBASSY PARIS

AMEMBASSY LONDON

AMEMBASSY OTTAWA

AMEMBASSY THE HAGUE

AMEMBASSY STOCKHOLM

AMEMBASSY BRUSSELS

AMEMBASSY TOKYO

USMISSION OECD PARIS

USMISSION EC BRUSSELS

AMEMBASSY COPENHAGEN

AMEMBASSY REYKJAVIK

AMEMBASSY ATHENS

AMEMBASSY ANKARA

AMEMBASSY LISBON

AMEMBASSY OSLO

AMEMBASSY LUXEMBOURG

AMCONSUL TURIN

ACONSUL STUTTGART (BY POUCH)

UNCLAS USNATO 5702

E.O. 11652: N/A

TAGS: CCMS, SENV

UNCLASSIFIED

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SUBJ: CCMS: FALL PLENARY ADVANCED PROPULSION SYSTEMS/LOW POLLUTION  
POWER SYSTEMS (APS/LPPS) DEVELOPMENT REPORT

REF: STATE 226306

1. US DEP SECY OF TRANSPORTATION BARNUM PRESENTED AN OVERVIEW OF FUTURE ROLE OF THE AUTOMOBILE IN U.S. TRANSPORTATION POLICY. BARNUM STATED THAT IT WOULD BE UNREALISTIC TO BELIEVE THAT THE AUTOMOBILE, WITH ITS FLEXIBILITY AND CONVENIENCE, IS NOT GOING TO REMAIN THE PRINCIPAL MODE OF PASSENGER TRANSPORTATION FOR THE FORESEEABLE FUTURE. HOWEVER, THE AUTOMOBILE AND THE WAY IT HAS BEEN USED HAVE CONTRIBUTED SUBSTANTIALLY TO SUCH PROBLEMS AS AIR POLLUTION AND EXCESSIVE ENERGY CONSUMPTION. THEREFORE, IF THE AUTOMOBILE IS TO BE THE DOMINANT MODE OF TRANSPORTATION, IT MUST BE ALTERED IN FORM AND DESIGN. HABITS OF USE MUST ALSO BE CHANGED. BARNUM STATED THAT IT IS NECESSARY TO MOVE TO A POINT WHERE AUTOMOBILE USE REQUIRES LESS ENERGY, POLLUTES LESS, COSTS LESS AND IS LESS OF A SAFETY HAZARD. BARNUM DESCRIBED 2 PROGRAMS WHICH ARE MAKING PROGRESS TOWARDS THIS GOAL. THE FIRST, THE RESEARCH SAFETY VEHICLE FOLLOW-UP INVOLVED THE DESIGN OF A VEHICLE MEETING ACCEPTABLE AND SPECIFIED SAFETY, ENERGY, ENVIRONMENTAL AND ECONOMIC GOALS. THE SECOND, THE S3E CONCEPT, INVOLVES A PROGRAM TO DEVELOP A MULTIDIMENSIONAL MATRIX CONTAINING ANUMBER OF DESIGN COMBINATIONS WHICH ACHIEVE AN ACCEPTABLE SOCIETAL PERFORMANCE IN TERMS OF SAFETY, ECONOMY, ENVIRONMENT AND ENERGY CONCERNS.

2. BARNUM WENT ON TO DESCRIBE PROGRESS OF THE CCMS APS/LPPSD PILOT STUDY. GOALS FOR THAT STUDY HAVE BEEN EXPANDED TO INCLUDE ENERGY IMPROVEMENTS FOR HIGHWAY VEHICLES, USE OF ALTERNATIVE FUELS, AND EVENTUAL DEVELOPMENT OF A NON-PETROLEUM FUEL BASE AS WELL AS THE ORIGINAL GOAL OF MEETING STATUTORY EMISSION STANDARDS FOR 1978. BARNUM ANNOUNCED THAT THE THIRD LPPSD CONFERENCE WILL BE HELD IN ROME ON DECEMBER 2 AND 3, HOSTED BY THE ITALIAN MINISTRY FOR TRANSPORTATION. BARNUM ALSO REPORTED ON THE CURRENT STATUS OF EACH OF THE ACTION ITEMS IN THE PILOT STUDY: ANALYSIS OF THE EXHAUST EMISSION TEST METHODS AND MEASURING PROCEDURES; TRANSPORTATION NOISE; INTERACTION OF THE LPPSD AND RSV PROGRAMS; AND A LIST OF CURRENT LPPSD RESEARCH AND DEVELOPMENT ACTIVITIES SO THAT OVERLAPS AND GAPS

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CAN BE IDENTIFIED.

3. IN THE DISCUSSIONS, ITALY (SALVO) ISSUED AN INVITATION TO ALL CCMS DELEGATIONS TO SEND REPRESENTATIVES TO THE MEETING IN ROME AND ANNOUNCED THAT A TENTATIVE AGENDA WAS BEING DISTRIBUTED. THE NETHERLANDS (VIGEVNO) REPORTED ON A PROJECT IT HAS UNDERTAKEN TO REDUCE CITY BUS EXHAUST EMISSIONS AND NOISE USING LIQUID PETROLEUM GAS. BARNUM CONGRATULATED THE DUTCH DELEGATION AND EXPRESSED US ADMIRATION FOR THEIR IMAGINATIVE AND INNOVATIVE PROGRAM. STREATOR

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**Subject:** CCMS: FALL PLENARY ADVANCED PROPULSION SYSTEMS/LOW POLLUTION POWER      SYSTEMS (APS/LPPS) DEVELOPMENT  
REPORT  
**TAGS:** CCMS, SENV  
**To:** STATE INFO BONN  
ROME  
PARIS  
LONDON  
OTTAWA

THE HAGUE  
STOCKHOLM  
BRUSSELS  
TOKYO  
OECD PARIS  
EC BRUSSELS  
COPENHAGEN  
REYKJAVIK  
ATHENS  
ANKARA  
LISBON  
OSLO  
LUXEMBOURG  
TURIN  
ACONSUL STUTTGART (BY POUCH)

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